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E UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Daniel A. Henderson

Examiner:

O. Anwah

Application No:

08/726,024

Art Unit:

2614

Filing Date:

10/04/1996

Title:

Method and Apparatus For Improved Personal Communication

Devices and Systems

Atty. Docket:

H-119

Certificate Of Mailing

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Robert K. Tendler Reg. No.: 24,581 Attorney for Applicant

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

For the Examiner's convenience and to simply the Examiner's review of documents submitted under the Information Disclosure Statement system, Applicant provides herewith a listing of all of the U.S. Patent Documents, Foreign Patent Documents and other documents, which have been previously submitted, along with patents and documents that are presently enclosed. Presently enclosed documents have a superscript "1" at the end of the number indicating the document.

NOTE: "An information disclosure statement shall be considered by the Office if filed by the applicant:

- (1) Within three months of the filing date of a national application;
- (2) Within three months of the date of entry of the national stage as set forth in section 1.491 in an international application; or
- (3) Before the mailing date of a first Office action on the merits, whichever event occurs last." 37 C.F.R. section 1.97(b).

NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose

to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. section 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) each inventor named in the application;
- (2) each attorney or agent who prepares or prosecutes the application; and
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. section 1.56(c).

NOTE: The "duty as described in section 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by sections 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13-25 at 17.

WARNING: "No information disclosure statement may be filed in a provisional application." 37 C.F.R. section 1.51(b).

List of Sections Forming Part of This Supplemental Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

(check sections forming a part of this statement: discard unused sections and number pages consecutively)

- 1. [x]Preliminary Statements
- 2. [x]Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)
- 3. []Statement as to Information Not Found in Patents or Publications
- 4. [x]Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
- 5. []Cumulative Patents or Publications
- 6. [x]Copies of Listed Information Items Accompanying This Statement
- 7. []Concise Explanation of Non-English Language Listed Information Items
 - 7A. []EPO Search Report
 - 7B. []English Language Version of EPO Search Report
- 8. []Translation(s) of Non-English Language Documents
- 9. [x]Concise Explanation of English Language Listed Information Items (Optional)
- 10. [x]Identification of Person(s) Making This Supplemental Information Disclosure Statement (complete the following, if appropriate)

Sections , respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

Section 1. Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this supplemental information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this supplemental information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK

Applicants: Daniel A. Henderson Attorney Docket: H-119

Serial No: 08/726,024 Art Group Unit: 2614

Date Filed: October 4, 1996 Examiner Name: Anwah, O.

Invention: METHOD AND APPARATUS FOR IMPROVED PERSONAL

COMMUNICATION DEVICES AND SYSTEMS

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

US PATENT DOCUMENTS

Exam Init	Doc Num	Issue Date	Inventor
	3,727,003	Apr. 10, 1973	Paraskevakos
	3,787,626	Jan. 22, 1974	Subieta
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	3,984,625	Oct. 5, 1976	Camras
	4,065,642	Dec., 1977	McClure
	4,072,824	Feb. 7, 1978	Phillips
	4,075,038	Feb. 21, 1978	Anthony et al.
	4,087,638	May, 1978	Hayes et al.
	4,103,107	Jul. 25, 1978	D'Amico et al.
	4,117,542	Sep., 1978	Klausner et al.
4	4,126,768	Nov., 1978	Grenzow
	4,172,969	Oct. 31, 1979	Levine et al.
	4,178,475	Dec., 1979	Taylor et al.
	4,178,476	Dec., 1979	Frost
	4,197,526	Apr. 8, 1980	Levine et al.
	4,258,387	Mar. 24, 1981	Lemelson
	4,263,480	Apr., 1981	Levine
	4,266,098	May, 1981	Novak

Exam Init	Doc Num	Issue Date	Inventor
	4,304,968	Dec., 1981	Klausner et al.
	4,306,116	Dec. 15, 1981	McClure et al.
	4,313,035	Jan., 1982	Jordan et al.
	4,330,780	May 18, 1982	Masaki
	4,336,524	Jun., 1982	Levine
	4,341,926	Jul. 27, 1982	Chester
	4,356,519	Oct., 1982	Cogdell, Jr.
-	4,368,989	Jan., 1983	Kawashima
	4,378,551	Mar., 1983	Drapac
	4,382,256	May 3, 1983	Nagata
	4,388,000	Jun., 1983	Hagihara
	4,402,056	Aug 30, 1983	Sado et al.
	4,408,099	Oct. 4, 1983	Ishii
	4,424,514	Jan., 1984	Fennell et al.
	4,427,848	Jan., 1984	Tsakanikas
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	4,438,433	Mar., 1984	Smoot et al.
	4,451,707	May 29, 1984	Hanscom
	4,477,807	Oct., 1984	Nakajima et al.
	4,479,124	Oct. 23, 1984	Rodriquez et al.
	4,481,670	Nov. 6, 84	Freeburg
	4,490,579	Dec., 1984	Godoshian
	4,536,739	Aug. 20, 1985	Nobuta
	4,551,581	Nov. 5, 1985	Doughty
	4,578,537	Mar. 25, 1986	Faggin et al.
	4,582,956	Apr. 15, 1986	Doughty
	4,600,809	Jul., 1986	Tatsumi et al.
	4,608,460	Aug., 1986	Carter et al.
	4,618,860	Oct., 1986	Mori
	4,625,081	Nov., 1986	Lotito et al.
	4,639,225	Jan., 1987	Washizuka

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	4,654,718	Mar., 1987	Sueyoshi
	4,660,218	Apr. 21, 1987	Hashimoto
	4,661,972	Apr., 1987	Kai
	4,680,785	Jul., 1987	Akiyama et al.
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	4,692,742	Sep., 1987	Raizen et al.
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	4,713,808	Dec. 15, 1987	Gaskill et al.
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•	4,737,979	Apr., 1988	Hashimoto
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	4,754,473	Jun., 1988	Edwards
	4,766,294	Aug. 23, 1988	Nara et al.
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	4,769,764	Sep. 6, 1988	Levanon
	4,775,999	Oct., 1988	Williams
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	4,779,138	Oct., 1988	Nomura et al.
	4,796,291	Jan., 1989	Makino
	4,800,582	Jan., 1989	D'Agosto, III et al.
	4,802,200	Jan., 1989	Murata et al.
	4,802,209	Jan. 31, 1989	Hasegawa
	4,803,726	Feb., 1989	Levine et al.
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	4,811,379	Mar. 7, 1989	Grandfield
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Exam Init	Doc Num	Issue Date	Inventor
	4,812,743	Mar., 1989	Champion, III et al.
	4,814,763	Mar., 1989	Nelson et al.
	4,821,308	Apr., 1989	Hashimoto
	4,827,520	May 2, 1989	Zeinstra
	4,845,491	Jul., 1989	Fascenda et al.
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	4,853,688	Aug. 1, 1989	Andros et al.
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	4,868,560	Sep., 1989	Oliwa et al.
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	4,873,719	Oct., 1989	Reese
	4,878,051	Oct., 1989	Andros et al.
	4,882,579	Nov., 1989	Siwiak
	4,882,744	Nov., 1989	Hashimoto
	4,882,750	Nov., 1989	Henderson et al.
	4,884,132	Nov. 28, 1989	Morris et al.
	4,885,577	Dec., 1989	Nelson
	4,893,335	Jan., 1990	Fuller et al.
	4,894,861	Jan. 16, 1990	Fujioka
	4,897,835	Jan., 1990	Gaskill et al.
	4,899,358	Feb., 1990	Blakley
	4,914,624	Apr. 3, 1990	Dunthorn
	4,914,649	April 3, 1990	Schwendeman et al.
	4,914,691	Apr., 1990	Berger
	4,918,721	Apr. 17, 1990	Hashimoto
	4,922,221	May, 1990	Sato et al.
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	4,924,496	May, 1990	Figa et al.

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	4,928,096	May 22, 1990	Leonardo et al.
	4,928,302	May 22, 1990	Kaneuchi et al.
	4,940,963	Jul. 10, 1990	Gutman et al.
	4,941,167	Jul., 1990	Cannalte et al.
	4,942,598	Jul., 1990	Davis
	4,951,043	Aug., 1990	Minami
	4,961,216	Oct., 1990	Baehr et al.
	4,962,377	Oct., 1990	Wallace et al.
	4,962,545	Oct. 9, 1990	Klaczak et al.
	4,965,569	Oct., 1990	Bennett et al.
	4,975,683	Dec., 1990	Davis et al.
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	4,985,913	Jan., 1991	Shalom et al.
	4,985,918	Jan. 15, 1991	Tanaka et al.
	4,994,797	Feb., 1991	Breeden
	4,996,707	Feb., 1991	O'Malley et al.
	5,007,076	Apr. 9, 1991	Blakley
	5,014,296	May, 1991	Saigano
	5,043,721	Aug., 1991	May
	5,046,079	Sep. 3, 1991	Hashimoto
	5,047,764	Sep., 1991	Andros et al.
	5,049,874	Sep., 1991	Ishida et al.
	5,052,943	Oct. 1, 1991	Davis et al.
	5,057,676	Oct. 15, 1991	Komaki
	5,063,588	Nov., 1991	Patsiokas et al.
	5,066,949	Nov., 1991	Breeden et al.
	5,070,521	Dec. 3, 1991	Warner et al
	5,073,767	Dec., 1991	Holmes et al.
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	5,077,786	Dec. 31, 1991	Hashimoto
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Exam Init	Doc Num	Issue Date	Inventor
	5,093,659	Mar., 1992	Yamada
	5,095,307	Mar., 1992	Shimura et al.
	5,099,507	Mar., 1992	Mukai et al.
	5,109,220	Apr. 28, 1992	Breeden et al.
	5,115,233	May 19, 1992	Zdunek et al.
	5,117,449	May, 1992	Metroka et al.
	5,119,397	Jun. 2, 1992	Dahlin et al.
	5,121,423	Jun. 9, 1992	Morihiro et al.
	5,124,697	Jun. 23, 1992	Moore
	5,127,040	Jun., 1992	D'Avello et al.
	5,128,980	Jul., 1992	Choi
	5,128,981	Jul., 1992	Tsukamoto et al.
	5,134,645	Jul., 1992	Berken et al.
	5,134,717 ¹	Mar., 1991	Rasmussen
	5,142,279	Aug. 25, 1992	Jasinski et al.
	5,144,654	Sep., 1992	Kelley et al.
	5,146,217	Sep. 8, 1992	Holmes
	5,146,493	Sep., 1992	Kiguchi et al.
	5,148,469	Sep., 1992	Price
	5,148,473	Sep., 1992	Freeland et al.
	5,151,929	Sep., 1992	Wolf
	5,151,930	Sep., 1992	Hagl
	5,153,579	Oct., 1992	Fisch et al.
	5,153,582	Oct. 6, 1992	Davis
	5,159,624	Oct., 1992	Makita
	5,161,181	Nov., 1992	Zwick
	5,166,973	Nov., 1992	Hoff
	5,175,758 ¹	Dec., 1992	Levanto et al.
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Exam Init	Doc Num	Issue Date	Inventor
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	5,195,130	Mar., 1993	Weiss et al.
	5,195,183	Mar. 16, 1993	Miller et al.
	5,197,092	Mar. 23, 1993	Bamburak
	5,206,637	Apr., 1993	Warren
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	5,208,849	May, 1993	Fu
	5,208,850	May, 1993	Kino
	5,212,721	May, 1993	DeLuca et al.
	5,220,599	Jan. 15, 1993	Sasano et al.
	5,222,125	Jun. 22, 1993	Creswell et al.
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	5,225,826	Jul., 1993	Deluca et al.
	5,227,614	Jun. 2, 1992	Danielson
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	5,228,080	Jul. 13, 1993	Nutter et al.
	5,239,577	Aug. 24, 1993	Bates et al.
	5,241,303	Aug. 31, 1993	Register et al.
	5,241,305	Aug. 31, 1993	Fascenda et al.
	5,247,700	Sep. 21, 1993	Wohl et al.
	5,251,250	Oct., 1993	Obata et al.
	5,252,964	Oct., 1993	Tan et al.
	5,257,307	Oct. 26, 1993	Ise
	5,258,751	Nov., 1993	Deluca et al.
	5,260,986	Nov., 1993	Pershan
	5,263,084	Nov. 16, 1993	Chaput et al.
	5,264,992	Nov. 23, 1993	Hogdahl
	5,265,145	Nov. 23, 1993	LIM
	5,272,465	Dec., 1993	Meares, Jr.
	5,274,454	Dec., 1993	Higgins, Jr.
	5,274,699	Dec., 1993	Ranz

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	5,276,731	Jan., 1994	Arbel et al.
	5,278,889	Jan., 1994	Papanicolaou
	5,278,894	Jan., 1994	Shaw
	5,280,516	Jan., 1994	Jang
	5,280,521	Jan., 1994	Itoh
	5,282,243	Jan. 25, 1994	Dabbashi et al.
	5,283,818	Feb., 1994	Klausner et al.
	5,283,824	Feb., 1994	Shaw
	5,285,493	Feb., 1994	Wagai et al.
	5,285,496	Feb., 1994	Frank et al.
	5,289,528	Feb., 1994	Ueno et al.
	5,289,530	Feb., 1994	Reese
	5,297,192	Mar. 22, 1994	Gerszberg
	5,302,947	Apr. 12, 1994	Fuller et al.
	5,303,291	Apr. 12, 1994	Takagi et al.
	5,307,399	Apr., 1994	Dai et al.
	5,309,512	May 3, 1994	Backmon et al.
	5,311,570	May, 1994	Grimes et al.
	5,313,515	May 17, 1994	Allen et al.
	5,315,636	May, 1994	Patel
	5,315,642	May, 1994	Fernandez
	5,317,621	May, 1994	Shibayama
	5,321,742	Jun., 1994	Stevens
	5,323,148	Jun., 1994	Olazabal et al.
	5,325,419	Jun. 28, 94	Connolly
	5,327,480	Jul., 1994	Breeden
	5,327,486	Jul., 1994	Wolff et al.
	5,329,427	Jul. 12, 1994	Hogdahl
	5,329,578	Jul., 1994	Brennan et al.
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Exam Init	Doc Num	Issue Date	Inventor
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	5,333,179	Jul., 1994	Yamamoto et al.
	5,335,276	Aug. 2, 94	Thompson et al.
	5,337,044	Aug. 9, 1994	Folger et al.
	5,341,411	Aug. 23, 1994	Hashimoto
	5,341,414	Aug., 1994	Popke
	5,343,516	Aug., 1994	Callele et al.
	5,345,258	Sep. 6, 1994	Matsubara
	5,348,347	Sep. 20, 1994	Shink
	5,349,636	Sep., 1994	Irrabarren
	5,349,638	Sep., 1994	Pitroda et al.
	5,363,429	Nov. 4, 1994	Fujisawa
	5,371,781	Dec. 6, 1994	Ardon
	5,375,161	Dec., 1994	Fuller et al.
	5,377,326	Dec. 27, 1994	Kaoru Mura et al.
	5,381,138	Jan. 10, 1995	Stair et al.
	5,384,831	Jan., 1995	Creswell et al.
	5,384,910	Jan. 24, 1995	Torres
	5,387,904	Feb. 7, 1995	Takada
	5,388,150	Feb., 1995	Schneyer et al.
	5,390,236	Feb., 1995	Klausner et al.
	5,390,346	Feb. 14, 1995	Marz
	5,390,362	Feb., 1995	Modjeska et al.
	5,392,342	Feb. 21, 1995	Rosenthal
	5,392,452	Feb., 1995	Davis
	5,394,140	Feb. 28, 95	Wong et al.
	5,398,279	Mar. 14, 1995	Frain
	5,402,466	Mar., 1995	Delahanty
	5,404,400	Apr., 1995	Hamilton
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	5,414,418	May 9, 1995	Andros et al.
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	5,428,663	Jun. 27, 1995	Grimes et al.
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	5,430,436	Jul. 4, 1995	Fennell
	5,430,439	Jul., 1995	Bodet et al.
	5,432,841	Jul. 11, 1995	Rimer
	5,434,929	Jul. 18, 1995	Beernink et al.
	5,440,559	Aug. 8, 1995	Gaskill
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	5,455,579	Oct., 1995	Bennett et al.
	5,457,732	Oct. 10, 1995	Goldberg
	5,459,458	Oct., 1995	Richardson et al.
	5,459,773	Oct., 1995	Hwang
	5,465,288	Nov. 7, 1995	Falvey et al.
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	5,467,385	Nov., 1995	Reuben et al.
	5,468,947	Nov. 21, 1995	Danielson et al.
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	5,473,316	Dec. 5, 1995	Takaya
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	5,475,738	Dec., 1995	Penzias
	5,479,475	Dec. 26, 1995	Grob et al.
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	5,495,284	Feb. 27, 1996	Katz
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	5,497,464	Mar. 5, 1996	Yeh
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	5,517,557	May, 1996	Tanaka
	5,524,137	Jun., 1996	Rhee
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	5,526,411	Jun. 11, 1996	Krieter
	5,530,740	Jun., 1996	Irribarren et al.
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	5,548,636	Aug., 1996	Bannister et al.
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	5,553,125	Sep. 3, 1996	Martensson
	5,557,320	Sep. 17, 1996	Krebs
	5,557,605	Sep., 1996	Grupe et al.
	5,559,859	Sep., 1996	Dai et al.
	5,559,860	Sep. 24, 1996	Mizikovsky
	5,559,862	Sept. 24, 1996	Bhagat et al.
	5,559,868	Sep. 24, 1996	Blonder
	5,561,702	Oct. 1, 1996	Lipp et al.
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	5,566,226	Oct. 15, 1996	Mizoguchi et al.
	5,572,576	Nov., 1996	Klausner et al.
	5,574,481	Nov. 12, 1996	Lee
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	5,577,103	Nov. 19, 1996	Foti
	5,579,239	Nov. 26, 1996	Freeman
	5,579,375	Nov. 26, 1996	Ginter
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	5,581,594	Dec., 1996	McAfee
	5,581,595	Dec. 3, 1996	Iwashita
	5,581,803	Dec., 1996	Grube et al.
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	5,583,920	Dec. 10, 1996	Wheeler, Jr.
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Examiner Signature:		
Date Considered:		
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Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

This application relies, under 35 U.S.C. section 120, on the earlier filing date of prior application SN.:08/177,851, filed on 1/5/94, now U.S. Patent No. 6,278,862. That application, and the following child applications, may include technically-related subject matter and/or claims that are similar to this application:

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08/726,024 filed on 10-04-1996 which is Pending claims the benefit of 08/177,851
09/477,167 filed on 01-04-2000 which is Abandoned claims the benefit of 08/177,851
09/632,040 filed on 08-03-2000 which is Abandoned claims the benefit of 08/177,851
09/644,954 filed on 08-23-2000 which is Abandoned claims the benefit of 08/177,851
09/732,142 filed on 12-07-2000 which is Abandoned claims the benefit of 08/177,851
09/736,919 filed on 12-14-2000 which is Abandoned claims the benefit of 08/177,851
09/746,512 filed on 12-22-2000 which is Abandoned claims the benefit of 08/177,851
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09/778,644 filed on 02-07-2001 which is Pending claims the benefit of 08/177,851
09/790,772 filed on 02-22-2001 which is Abandoned claims the benefit of 08/177,851
09/802,062 filed on 03-07-2001 which is Abandoned claims the benefit of 08/177,851
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11/134,670 filed on 05-19-2005 which is Pending claims the benefit of 08/177,851
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The Examiner is requested to review the entire file histories of these applications, including cited references, Office Actions, Responses, etc., and is asked to contact Applicant's Attorney if the Examiner would like the Applicant to supply copies of any or all of the information included in any of these applications. For any of these applications, if Applicant's Attorney is not contacted by the

Examiner with such a request, then it will be assumed that the Examiner has reviewed or will review the file content of the application. The identification of the above-identified applications is not a waiver of secrecy for any of the applications.

Section 6. Copies of Listed Information Items Accompanying This Statement

NOTE: 37 C.F.R. section 1.98(a)(2) requires that any information disclosure statement filed under section 1.97 shall include: "A legible copy of: (1) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included . . . "

NOTE: The wording in section 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

(complete the following, if applicable)

[X]Exception(s) to above:

U.S. patent citations are not included pursuant to the United State Patent and Trademarks Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.

Those references listed with a "1" are enclosed herewith. All other references have been previously provided.

Copies of references ABEG and ABEL were not readily available and therefore are not included herewith.

Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)

NOTE: "Applicants may, if they wish, provide a concise explanation of why English-language information is being submitted and how it is understood to be relevant. Concise explanations are helpful to the Office, particularly where documents are lengthy and complex and applicant is aware of a section that is highly relevant to patentability or where a large number of documents are submitted and applicant is aware that one or more are highly relevant to patentability." Notice of April 20, 1992 (1138 O.G. 37-47, 38).

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Reference AAMP is possibly circa September 1994 based on the Teledynamics Catalog reference in the grandparent application apparently listing the Fans Telesecretary P161P for sale by September 1994.

Reference AAXT is possibly circa October 1994 based on the following report of Bellcore unveiling MediaCom software for windows: http://www.allbusiness.com/periodicals/article/458127-1.html.

Reference AAIL is possibly circa 1990-1991 based on a comment in the left-most column that Itoh predicts a rebound in results in 1991.

Section 10. Identification of Person(s) Making This Supplemental Information Disclosure Statement

The person making this certification is	
(a) []the inventor(s) who signs below	
	SIGNATURE OF INVENTOR
	(type name of inventor who is signing)
(b) []an individual associated with the fi 1.56(c))	iling and prosecution of this application (37 C.F.R. section
	SIGNATURE OF INVENTOR
	(type name of inventor who is signing)
(c) [x] the practitioner who signs below on	n the basis of the information:
(check ed	ach applicable item)
[] supplied by the invento	or(s).
	dual associated with the filing and prosecution of this 7 C.F.R. section 1.56(c)).
[x] in the practitioner's file	·
	Melflere
Reg. No.: 24,581	SIGNATURE OF PRACTITIONER
C	Robert K. Tendler
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